

Converting Colors

CIELCh(82, 16.890, 68.236)

Have a look what the booklet for
CIELCh(82, 16.890, 68.236) contains.

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Color

CIELCh(82, 16.816, 68.433)

Conversions

Conversions Part 1

Format	Color
Hex	E3C7AF
RGB	227, 199, 175
RGB Percent	89%, 78%, 69%
CMY	0.1096, 0.2194, 0.3136
CMYK	0.00, 0.12, 0.23, 0.11
HSL	28°, 48%, 79%
HSV	28°, 23%, 89%
XYZ	59.8646, 60.2982, 49.0597
YIQ	204.6360, 24.3920, -1.5280

Conversions

Conversions Part 2

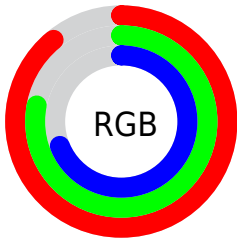
Format	Color
R _Y B	227, 220, 175
Decimal	14927791
CIE Lab	82.00, 6.18, 15.64
CIE LCh	82, 16.816, 68.433
Yxy	60.2982, 0.3538, 0.3563
Android (android.graphics.Color)	4293117871 (0xFFE3C7AF)
YUV	204.6360, -14.6105, 19.6132
Hunter-Lab	77.6519, 1.7212, 16.8975

Details

The CIELCh color **82, 16.816, 68.433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80, 15.575, 254.435**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **62, 16.996, 68.669** is the 20% darker color. If you saturate the color by 10%, you get **79, 24.828, 67.274**, and if you desaturate by 10%, it is **86, 9.222, 69.599**.

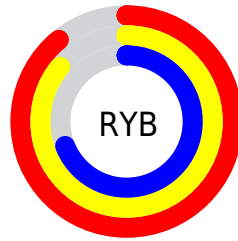
Distribution



Red (89%)

Green (78%)

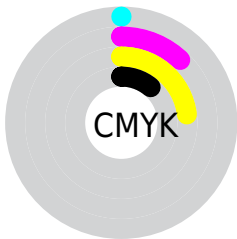
Blue (69%)



Red (89%)

Yellow (86%)

Blue (69%)

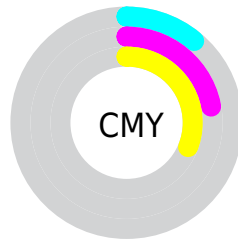


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 16.816, 68.433 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 16.816, 68.433 by changing the saturation by 10% instead.

 82, 16.816, 68.433

 82, 16.816, 68.433

 100, 16.816,
68.433

 72, 16.816, 68.433

 62, 16.816, 68.433

 52, 16.816, 68.433

 42, 16.816, 68.433

 32, 16.816, 68.433

 22, 16.816, 68.433

 12, 16.816, 68.433

 2, 16.816, 68.433

 0, 16.816, 68.433

82, 16.816, 68.433

82, 16.816, 68.433

79, 24.828, 67.274

86, 9.222, 69.599

75, 33.268, 66.107

89, 2.017, 70.599

72, 42.106, 64.944

93, 4.835, 252.058

69, 51.232, 63.760

96, 7.894, 226.425

66, 60.372, 62.487

98, 9.501, 198.875

63, 68.950, 60.961

60, 75.941, 58.860

58, 79.699, 56.997

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 16.816, 68.433



80, 15.575, 254.435

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 16.816, 68.433



82, 16.816, 118.433



82, 16.816, 248.433



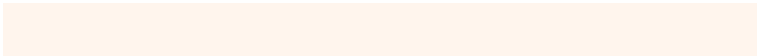
82, 16.816, 298.433

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 16.816, 68.443



97, 5.410, 70.245



77, 24.486, 342.985



52, 3.521, 70.181



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 16.816, 68.443



89, 22.036, 67.944



88, 25.531, 105.781



46, 4.057, 69.985



46, 66.307, 57.644



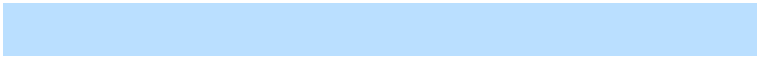
12, 20.971, 56.425

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80, 15.575, 254.435



87, 20.083, 255.201



74, 26.792, 290.857



46, 3.945, 252.403



41, 51.009, 279.908



9, 18.526, 270.877

Previews

White Background



This preview shows how the CIELCh color 82, 16.816, 68.433 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 16.816, 68.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

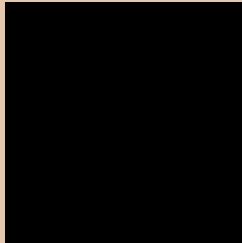
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 16.816, 68.433

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.816, 68.433.



This preview shows how white text looks on a background with the CIELCh color 82, 16.816, 68.433.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
82, 16.816, 68.433

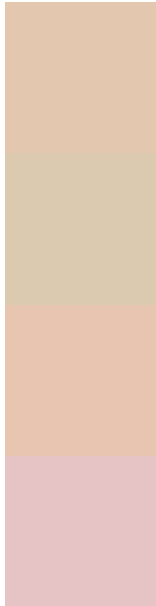
Protanopia
82, 14.352, 91.752

Deuteranopia
82, 18.376, 55.095



Tritanopia
82, 15.771, 350.568

Trichromacy



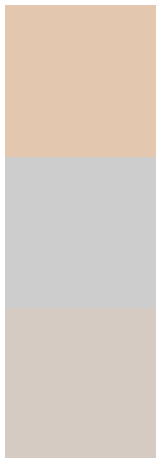
Original Color
82, 16.816, 68.433

Protanomaly
82, 15.234, 83.296

Deuteranomaly
82, 17.419, 59.394

Tritanomaly
82, 12.812, 18.027

Monochromacy



Original Color
82, 16.816, 68.433

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.027, 71.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.816, 68.433 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.816, 68.433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 199, 175) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 199, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 199, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 199, 175); box-shadow:4px 4px 4px 4px rgb(227, 199, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.816, 68.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
199, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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